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AUG 26 2005  
PATENT & TRADEMARK OFFICE  
IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Investor(s): Tyson R. McGuffin, et al.

Confirmation No.: 2964

Application No.: 10/653,328

Examiner: Stacy Whitmore

Filing Date: Sept. 2, 2003

Group Art Unit: 2825

Title: POWER ESTIMATION BASED ON POWER CHARACTERIZATIONS OF  
NON-CONVENTIONAL CIRCUITS

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

|  |  |
|--|--|
| <input checked="" type="checkbox"/> Response/Amendment | <input checked="" type="checkbox"/> Petition to extend time to respond |
| <input type="checkbox"/> New fee as calculated below   | <input type="checkbox"/> Supplemental Declaration                      |
| <input checked="" type="checkbox"/> No additional fee  |  |
| <input type="checkbox"/> Other: _____                  | (fee \$ _____)   |

| CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY       |  |                        |  |                         |             |                           |
|--|--|------------------------|--|-------------------------|-------------|---------------------------|
| (1)<br>FOR   | (2)<br>CLAIMS REMAINING<br>AFTER AMENDMENT | (3)<br>NUMBER<br>EXTRA | (4)<br>HIGHEST NUMBER<br>PREVIOUSLY PAID FOR | (5)<br>PRESENT<br>EXTRA | (6)<br>RATE | (7)<br>ADDITIONAL<br>FEES |
| TOTAL<br>CLAIMS                                      | 26   | MINUS                  | 26   | = 0                     | X \$50      | \$ 0                      |
| INDEP.<br>CLAIMS                                     | 4  | MINUS                  | 4  | = 0                     | X \$200     | \$ 0                      |
| [ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM |  |                        |  |                         | + \$360     | \$ 0                      |
| EXTENSION<br>FEE                                     | 1ST MONTH<br>\$120.00                      | 2ND MONTH<br>\$450.00  | 3RD MONTH<br>\$1020.00                       | 4TH MONTH<br>\$1590.00  |             | \$ 0                      |
| OTHER FEES   |  |                        |  |                         |             | \$                        |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT              |  |                        |  |                         |             | \$ 0                      |

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Tyson R. McGuffin, et al.

By Christopher P. Harris

Christopher P. Harris

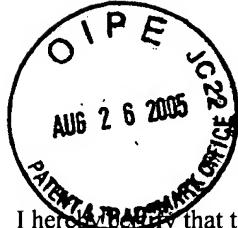
Attorney/Agent for Applicant(s)  
Reg. No. 43,660

Date of Deposit: Aug. 23, 2005

Typed Name: Lisa L. Pringle

Signature: Lisa L. Pringle

Date: Aug. 23, 2005



**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8A)**

I hereby certify that this correspondence is, on the date shown below, being:

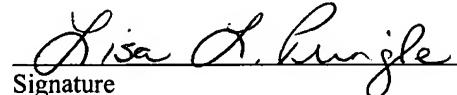
**MAILING**

deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date: 23 August 2005

**FACSIMILE**

transmitted by facsimile to the Patent and Trademark Office.

A handwritten signature in black ink that reads "Lisa L. Pringle".

Signature

Lisa L. Pringle

(type or print name of person certifying)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                         |   |                          |
|-------------------------|---|--------------------------|
| In re application of:   | ) |                          |
|                         | ) |                          |
| Tyson R. McGuffin       | ) | Group Art Unit: 2825     |
|                         | ) |                          |
| Serial No.: 10/653,328  | ) | Confirmation No.: 2964   |
|                         | ) |                          |
| Filed: 2 September 2003 | ) | Examiner: Stacy Whitmore |
|                         | ) |                          |

For: *Power Estimation Based on Power Characterizations of Non-Conventional Circuits*

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated June 10, 2005, issued in connection with the above-identified application, please enter and consider the following amendments and remarks.

**Amendments to the Specification** are reflected on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of the claims, which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.